

REMARKS

Applicant respectfully requests reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow. After amending the claims as set forth above, claims 1-16 are now pending in this application.

Applicant wishes to thank the Examiner for the careful consideration given to the claims as well as indicating that claims 1-9 and 14-16 are allowed.

Specification

The disclosure is objected to because the term “expression” used throughout the specification should be “equation.” The specification has been amended to correct this minor informality.

The disclosure is also objected to because it was not clear what the terms X, Xp, Xs, Y, Ys, and Yp represent. It is respectfully submitted that X is merely a variable that equals $Pcl \cdot Acl$; Xp is the value of X when $Pp = Pcl$, Xs is the value of X when $Ps = Pcl$, Y is a variable that is a function of pressure and Asft; $Ys = Ps \cdot Asft$; and $Yp = Pp \cdot Asft$, as disclosed at page 16, line 22 to page 17, line 14 and Fig. 9 of the present application.

The disclosure is also objected to because $Pp \cdot Asft + Pcl \cdot Acl$ and $Ps \cdot Asft + Pcl \cdot Acl$ should be expressed so as to identify the primary or secondary chamber unless the terms Asft for both primary and secondary chambers are always equally to each other if they vary. It is respectfully submitted that, in the embodiment disclosed at page 15, lines 23 to page 16, line 5, of the specification, Acl is substantially equal for both the primary and secondary clamp chambers; Asft is substantially equal for both the primary and secondary pulley cylinder chamber; and Pcl is substantially equal for both the primary and secondary clamp chambers. Because these variables are substantially equally for both chambers for this embodiment, no identification as to whether these variables are for the primary or secondary chamber are necessary.

The disclosure is also objected to because it is not clear if X and Y are constant. It is respectfully submitted that X is merely a variable that equals $Pcl \cdot Acl$. For example, Xp is the value of X when $Pp = Pcl$ while Xs is the value of X when $Ps = Pcl$. Also, Y is a variable that is a function of pressure and Asft. For example, $Ys = Ps \cdot Asft$; and $Yp = Pp \cdot Asft$. (See page 16, line 22 to page 17, line 14 and Fig. 9.)

For at least these reasons, favorable reconsideration of the objections is respectfully requested.

Claim Objections

Claims 10-13 are objected to because the term “expression” should be “equation.” Claims 10-13 have been amended to correct these minor informalities. For at least this reason, favorable reconsideration of this objection is respectfully requested.

Rejection of claims 11-13 based on 35 U.S.C. 112

Claims 11-13 are rejected under 35 U.S.C. 112, first and second paragraphs, because the specification fails to clearly define the terms X, X_p , X_s , Y, Y_s , and Y_p . It is respectfully submitted the specification and the claims themselves provide adequate description of these variables. For example, X is merely a variable that equals $P_{cl} \cdot A_{cl}$, X_p is the value of X when $P_p = P_{cl}$, X_s is the value of X when $P_s = P_{cl}$, Y is a variable that is a function of pressure and A_{sft} , $Y_s = P_s \cdot A_{sft}$, and $Y_p = P_p \cdot A_{sft}$. (See page 16, line 22 to page 17, line 14 and Fig. 9.) In addition, the variable Y does not appear in the claims so its definition as far as the claims are concerned is not required.

Claims 10-13 are rejected under 35 U.S.C. 112, second paragraph because it is not clear if the terms X, A_{sft} , P_{cl} , and A_{cl} are constant or vary because they are being used in two equations that may obtain different values. It is respectfully submitted that A_{sft} (the cylinder chamber’s applied pressure area of one of the primary pulley cylinder chamber and the secondary pulley cylinder chamber) and A_{cl} (the clamp chamber’s applied pressure area of any one of the primary clamp chamber and the secondary clamp chamber) are substantially fixed while P_p (the primary pulley cylinder chamber oil pressure), the P_s (the secondary pulley cylinder chamber oil pressure), and P_{cl} (the clamp chamber oil pressure) are parameters, as clearly stated in claim 10. The term X is defined as $P_{cl} \cdot A_{cl}$, and because it comprises a parameter (P_{cl}) and a substantially fixed value (A_{cl}), X would also be considered a parameter.

Because the variables provided in the claims are defined by the specification and the claims, the claims are definite and enabled. For at least these reasons, favorable reconsideration of these rejections is respectfully requested.

Allowability of claim 16

Claim 16 depends from and contains all the features of claim 1, which has been indicated to be allowable. For at least this reason, allowance of this claim is respectfully requested.

Conclusion

Applicant believes that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check or credit card payment form being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date

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